

Multilocular cystic clear cell renal cell carcinoma imaging with histopathologic correlation

Emi Marinela Preda^{1,3}, Ioana Gabriela Lupescu^{1,3}, Adrian Dijmarescu³, Gelu A. Popa^{1,3},
Mugur C. Grasu^{1,3}, Monica Hortopan²

¹Radiology, Medical Imaging and Interventional Radiology Department,
Fundeni Clinical Institute, Bucharest, Romania

²Department of Pathologic Anatomy, Fundeni Clinical Institute, Bucharest, Romania

³University of Medicine and Pharmacy «Carol Davila», Bucharest, Romania

ABSTRACT

Renal cell carcinoma (RCC) causes significant morbidity and mortality. Clear cell RCC (ccRCC) is the most common histologic subtype, with worse prognosis compared with other histologic subtypes. The indolent variant of ccRCC is the multilocular cystic RCC (McRCC). Imaging features reflect the various histological findings of each histologic subtypes. Recent advances in imaging technology permit early and more appropriate diagnosis of RCC and facilitate optimal management.

Key words: Multilocular cystic clear cell renal cell carcinoma, renal cell carcinoma, clear cell renal carcinoma, imaging, CT, MRI